

AMENDMENTS TO THE CLAIMS

1. - 15 (canceled)

16. (Previously Presented) An isolated nucleic acid consisting of X nucleotides wherein X is 19-140 and the sequence of the nucleic acid comprises:

- (a) at least Y consecutive nucleotides of SEQ ID NO: 399738 wherein Y is at least 19;
- (b) an RNA equivalent of (a);
- (c) a sequence at least 80% identical to (a) or (b); or
- (d) the complement of any one of (a)-(c).

17. (Withdrawn) The nucleic acid of claim 16, wherein the at least Y nucleotides is of a sequence selected from the group consisting of SEQ ID NOS: 399404, 399423, 399424, 399427, and 399441.

18. (Currently Amended) The nucleic acid of claim 16, wherein the at least Y nucleotides is of a sequence ~~selected from the group consisting of SEQ ID NOS: 14005, 14011, 14020, 14039, 14046, and~~ as set forth in SEQ ID NO: 14051.

19. (Previously Presented) The nucleic acid of claim 16, wherein X=Y.

20. (Withdrawn) The nucleic acid of claim 19, wherein Y consecutive nucleotides is of a sequence selected from the group consisting of SEQ ID NO: 399404, 399423, 399424, 399427, and 399441.

21. (Currently Amended) The nucleic acid of claim 19, wherein Y consecutive nucleotides is of a sequence ~~selected from the group consisting of SEQ ID NO: 14005, 14011, 14020, 14039, 14046, and~~ as set forth in SEQ ID NO: 14051.

22. (Previously Presented) A vector comprising an insert, wherein an insert consists of the nucleic acid of claim 16.

23. (Previously Presented) A vector comprising an insert, wherein an insert consists of the nucleic acid of claim 19.

24. (Previously Presented) A method for detecting the nucleic acid of claim 18 comprising:

- (a) providing a biological sample; and

(b) measuring the level of the nucleic acid,
wherein a difference in the level of the nucleic acid compared to a control is indicative of the
presence of the nucleic acid.